



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**12.03.2014 Bulletin 2014/11**

(51) Int Cl.:  
**F28F 9/26 (2006.01) F28D 1/02 (2006.01)**

(43) Date of publication A2:  
**25.12.2013 Bulletin 2013/52**

(21) Application number: **13185004.2**

(22) Date of filing: **11.07.2007**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR**

(30) Priority: **19.07.2006 GB 0614300**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:  
**07766200.5 / 2 044 380**

(71) Applicant: **The Discreteheat Company Limited**  
**The Village**  
**Prestbury**  
**Cheshire SK10 4DG (GB)**

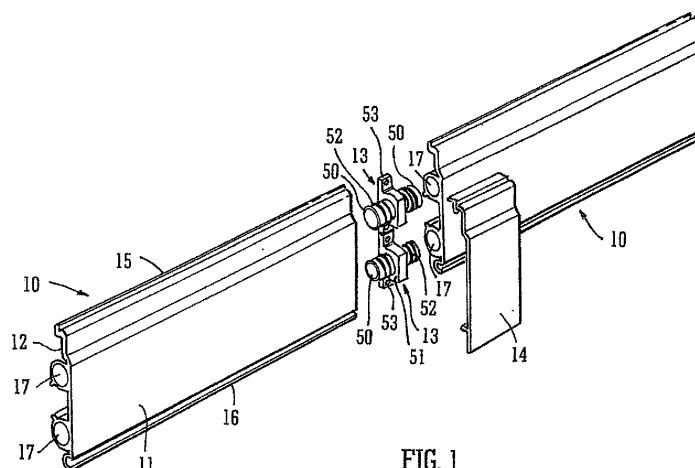
(72) Inventors:  
• **Wadsworth, Martin**  
**Prestbury, cheshire SK10 4AG (GB)**  
• **Foster, Leslie Stephen**  
**Blackburn, BB1 9DL (GB)**

(74) Representative: **Lambert, Thomas John**  
**Marks & Clerk LLP**  
**1 New York Street**  
**Manchester M1 4HD (GB)**

(54) **A radiator**

(57) A radiator, particularly a skirting radiator for heating a room space is mounted just above level. An elongate panel (10) for mounting on a wall (112,113) has a first surface (11) for facing away from the wall (112,113) and an opposed second surface (12) for facing said wall (112,113). A pair of longitudinally extending conduits (17) connected to the second surface (12) and for carrying heating fluid are designed so that the panel (10) is slim. Each conduit (17) has a depth less than its height. A

releasably connectable upper member (34) closes a clearance between the panel (10) and the wall (112,113) and a releasably connectable depending skirt (37) may be cut to size to take up any clearance between the panel (10) and the floor. Adjacent panels (10) are interconnected by ported connectors (70) that are retained in the conduits (17) by retaining clips (80). Ported elbow connectors (70) with one spigot (71) longer than the other are provided to render the installation process easier.



**FIG. 1**



## EUROPEAN SEARCH REPORT

Application Number  
EP 13 18 5004

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	EP 0 681 667 B (VILLA PHILIP FERDINANDO [GB]) 12 August 1998 (1998-08-12) * column 4, line 54 - column 6, line 49; figures 1-7 * * column 11, lines 16-53; figure 19 * -----	1	INV. F28F9/26 F28D1/02
A,D	EP 0 542 785 B (VILLA PHILIP FERDINANDO [GB]) 21 February 1996 (1996-02-21) * figures * -----	1	
A	EP 0 078 448 A (RUOFF SCHAEFER RUDOLF) 11 May 1983 (1983-05-11) * abstract; figures * -----	1	
A	FR 2 878 024 A (KALORI SOC PAR ACTIONS SIMPLIF [FR]) 19 May 2006 (2006-05-19) * abstract * * page 8, lines 19-27; figures 6,7 * -----	1	
A	FR 2 439 354 A (ELAJO INVEST [SE]) 16 May 1980 (1980-05-16) * figures 3,6d * -----	1	TECHNICAL FIELDS SEARCHED (IPC)
A	JP 57 169549 A (SANYO ELECTRIC CO; TOKYO SANYO ELECTRIC CO) 19 October 1982 (1982-10-19) * abstract; figures * -----	1	F28D F28F F24D F16L
A	DE 30 32 096 A1 (GREISINGER OTMAR ING GRAD) 8 April 1982 (1982-04-08) * page 3; figures * -----	1	
A	DE 203 14 539 U1 (KRUEGER LORENZ [DE]) 3 June 2004 (2004-06-03) * the whole document * -----	1	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		3 February 2014	Van Dooren, Marc
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

1  
EPO FORM 1503, 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 13 18 5004

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

03-02-2014

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0681667	B	12-08-1998	-----	-----
EP 0542785	B	21-02-1996	-----	-----
EP 0078448	A	11-05-1983	DK 461382 A	20-04-1983
			EP 0078448 A1	11-05-1983
			FI 823551 A	20-04-1983
			NO 823459 A	20-04-1983
FR 2878024	A	19-05-2006	-----	-----
FR 2439354	A	16-05-1980	-----	-----
JP 57169549	A	19-10-1982	-----	-----
DE 3032096	A1	08-04-1982	NONE	
DE 20314539	U1	03-06-2004	NONE	